# VERSION DESCRIPTION DOCUMENT

# FOR THE

# NASA PERSONNEL/PAYROLL SYSTEM

Software Release 7.6.3

PrISMS Contract

05/01/00



National Aeronautics and
Space Administration

**George C. Marshall Space Flight Center**
Huntsville, AL  35812

**VERSION DESCRIPTION DOCUMENT**
**FOR THE**
**NASA PERSONNEL/PAYROLL SYSTEM**
**SOFTWARE RELEASE 7.6.3**

Prepared by

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Prepared by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

May 2000

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FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 7.6.3**

Approved by

|                                             | 05/01/00 |
| ------------------------------------------- | -------- |
| Sheila Fogle                                | Date     |
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, AL

May 2000

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## APPENDICES

# 1.   INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

## 1. 1   IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number –   Software Release 7.6.3

Release Effective Date – May 01, 2000

Release Implementation Date - May 01, 2000

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been installed.

## 1. 2   PURPOSE OF THE RELEASE

The purpose of this release is to implement the NPPS software allocated for this release.  The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

## 1. 3   SCOPE OF THE RELEASE

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release 7.6.3, including the following:

- Changes implemented since the last release

- References to other documents affected by this release

- Changes to application files and data formats

- Detailed software installation procedures

- Validation procedures to ensure the reliability of the software changes.

## 1.4  CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC).  Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words:  SESAAS & NPPS)

      Telephone:   (256) 544-6673

      E-Mail:       james.joyner@msfc.nasa.gov

      FAX:         (256) 544-1836

## 2. <u>FUNCTIONAL INFORMATION</u>

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

## 2. 1   FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release.  Appendix D, Installation Instructions, describes all PREDICT changes related to this release.

## 2. 2   FUNCTIONAL INTERFACES

Not Applicable

## 2. 3   CRITICAL ISSUES

Not Applicable

## 2. 4   AFFECTED DOCUMENTS

Not Applicable

## 2. 5   APPLICATION SYSTEM ADMINISTRATION

Not Applicable

# 3.    TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

## 3. 1    TECHNICAL SYSTEM INTERFACES

Not Applicable

## 3. 2    DATA DICTIONARY CHANGES

Not Applicable

## 3. 3    SOFTWARE OBJECT CHANGES

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

## 3. 4    DATABASE ADMINISTRATION

The specific database administration activities for NPPS 7.6.3 are detailed in Appendix D, Installation Instructions.

### 3. 4.1  Release Dataset Names

The datasets for Software Release 7.6.3 are included in the Introduction of Appendix D, Installation Instructions.

### 3. 4.2  Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

### 3. 4.3  Storage Considerations

Not Applicable

### 3. 4.4  Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

## 3. 5   OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

# APPENDIX A
# ABBREVIATIONS AND ACRONYMS

# ABBREVIATIONS AND ACRONYMS

| | |
|---|---|
| ADP | Automated Data Processing |
| CCR | Change Control Request |
| CPO | Consolidated Payroll Office |
| DBA | Database Administrator |
| DR | Discrepancy Report |
| FAX | Electronic Facsimile Transmission |
| HR | Human Resources |
| ICD | Interface Control Document |
| IRM | Information Resources Management |
| JCL | Job Control Language |
| MSFC | Marshall Space Flight Center |
| NACC | NASA ADP Consolidation Center |
| NASA | National Aeronautics and Space Administration |
| NDM | Network Data Mover |
| NOAC | Nature Of Action Code |
| NPPS | NASA Personnel/Payroll System |
| OPM | Office of Personnel Management |
| RC | Requirements Change |
| SESAAS | Sustaining Engineering Support for Agencywide Administrative Systems |
| SRS | System/Software Requirements Specification |
| VDD | Version Description Document |

# APPENDIX B
# GLOSSARY

# GLOSSARY

**Consolidation Center**

Responsibility for processing and balancing payroll for all centers in the consolidated database.

**Database Administration**

Responsibility for maintaining the physical database environment.

**Implementation**

The process by which a NASA site installs a software release and places it into operational use.

**Operational Preparation**

Preparation by a NASA site for installation and use of an application release.

**System Administration**

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

# APPENDIX C
# FUNCTIONAL CHANGE VALIDATION PROCEDURES

# VALIDATION PROCEDURES
# SOFTWARE RELEASE 7.6.3
# PERSONNEL

1. **20000051**

   A. **Purpose**: To verify Current Rating Year is a valid date in NOAC 990 (Performance Rating) when the NOAC 990 is output to Personnel Suspense by batch Daily Reports (NE00003).

   B. **Test Procedure**:

      1) Schedule and run job NE00003 (Daily Reports) from the Batch Job Scheduler (BJS).

      2) Mature the suspended NOAC 990 actions.

   C. **Validation**:

      1) Verify the suspended NOAC 990s have a valid two-digit year (i.e., year 2000 = "00") when retrieved through PERSUSPQ and PERACT.

      2) Verify the NOAC 990s "mature" properly.

# NASA PERSONNEL PAYROLL SYSTEM
# RELEASE DESCRIPTION
# SOFTWARE RELEASE 7.6.3
# MAY 2000

The purpose of this release is to implement the changes allocated to software release 7.6.3 described below.

## SOFTWARE RELEASE 7.6.3

DR 1620s IMPLEMENTED
20000051      Invalid Current Rating Year on Generated NOAC 990s

***** **RECORD COUNT = 01**

# APPENDIX D
# INSTALLATION INSTRUCTIONS

**NASA PERSONNEL PAYROLL SYSTEM**
**RELEASE DESCRIPTION**
**SOFTWARE RELEASE 7.6.3**
**MAY 2000**


## Introduction

Release Effective Date – May 01, 2000

Release Implementation Date - May 01, 2000

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- MSMOV.NPPS.PROD.R763.R0500.DOC
- MSMOV.NPPS.PROD.R763.R0500.SRC

Physical media:
  VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words:  SESAAS & NPPS):

Telephone:  (256)  544-6673
E-Mail:       james.joyner@msfc.nasa.gov
Fax:           (256)  544-1836

## Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list.  Applicable sections are listed in the Installation Checklist.

 1.0 Backup Existing Data
 2.0 Copy Source/Object Code
 3.0 Pre-Predict Data Conversion
 4.0 Install Predict
 5.0 Install Data Glossary
 6.0 Catalog Source Code
 7.0 Post-Predict Data Conversion
 8.0 JCL/BJS/Xerox Modifications
 9.0  Special Instructions
10.0 Installation Checklist


### 1.0    BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.


### 2.0    COPY SOURCE/OBJECT CODE

### 2.1    Copy Source Modules

When installing software release 7.6.3, load the NPPS new and modified programs from dataset MSMOV.NPPS.PROD.R763.R0500.SRC using the Natural utility NATLOAD.  The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name.  The source module counts included in this release are listed below:

Natural Source Modules by Type

| | |
|---|---|
| Global Data Areas | 0 |
| Local/Param Data Areas | 0 |
| Maps | 0 |
| Helproutines | 0 |
| Subroutines | 0 |
| Subprograms | 0 |
| Programs | 1 |
| Copycode | 0 |
| Text | 0 |
| Process | 0 |
| Miscellaneous Objects | 0 |

================================

| | |
|---|---|
| Total Programming Objects | 1 |
| Total Views Unloaded | 0 |
| Total Objects Read | 1 |
| Total Object Unloaded | 1 |

## 2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 7.6.3.

Programs       Description of programs
=========  ================================================
NEB9610       Automatic Performance Rating

RELEASE PROGRAMS (MOD) ==>   01

## 2.3 List of Source Code Additions

Not Applicable

## 2.4 List of Source Code Deletions

Not Applicable

## 3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

## 4.0 INSTALL PREDICT

Not Applicable

**5.0    INSTALL DATA GLOSSARY**

Not Applicable

**6.0    CATALOG SOURCE CODES**

When installing software release 7.6.3, run a batch job to catalog (CATALL) all modules in the NPPS or other named library.  It is not necessary to catalog the Global Data Area.  The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

**7.0    POST-PREDICT DATA CONVERSION**

Not Applicable

**8.0    JCL/BJS/Xerox MODIFICATIONS**

Not Applicable

**9.0    SPECIAL INSTRUCTIONS**

**9.1    Update NPPS Release Number**

The following processes will update the NPPS software numbers:

1.  Execute program TOOLVRSN from the Natural Command line.
2.  When installing software release 7.6.3, enter "07.6.3" for software version number.
3.  Press ENTER; a confirmation message displays.
4.  Press PF3 to exit the program.

**10.0   INSTALLATION CHECKLIST**

1.0    Back Up Existing Data
2.0    Copy Source/Object Code
6.0    Catalog Source Code
9.0    Special Instructions